

इंटरनेट

मानक

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Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5000-OD47 (1986): Dimensions of Semiconductor Devices,
Device Outline OD47 [LITD 5: Semiconductor and Other
Electronic Components and Devices]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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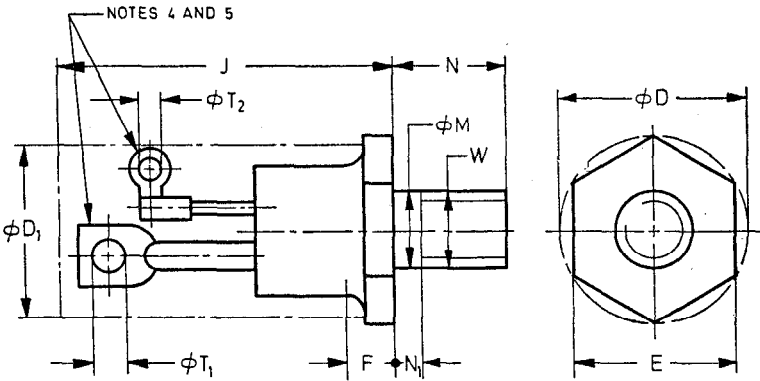




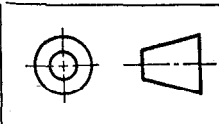
Indian Standard

DIMENSIONS OF SEMICONDUCTOR DEVICES
DEVICE OUTLINE OD 47

1. Dimensions — This drawing has been prepared in accordance with IS : 5001 (Part 1)-1969 'Guide for preparation of drawings of semiconductor devices and integrated circuits : Part 1 Semiconductor devices'.



Reference	Millimetres			Notes
	Min	Nom	Max	
ϕD	—	—	12.82	—
ϕD_1	—	—	—	1, 2
F	1.91	—	—	—
J	—	—	24.13	1
ϕM	—	—	—	3
N	10.72	—	11.50	—
N_1	—	—	1.98	—
ϕT_1	1.53	—	—	—
ϕT_2	1.15	—	—	—
E	—	11.0	—	—
W	—	M5	—	—



Adopted 4 April 1986

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IS : 5000 (OD 47) - 1986

Note 1 — The device, with the exception of the hexagon and thread, lies within the cylinder of diameter D_1 and length J .

Note 2 — Diameter D_1 must not be greater than the actual across flats dimension of the hexagon used.

Note 3 — Diameter M refers to zone N_1 . The maximum value should not exceed the outside diameter of the thread.

Note 4 — The contour and orientation of the terminal slugs or lugs are undefined.

Note 5 — The large terminal lug is No. 1, the small terminal lug is No. 2.

2. Rules for Coding — See 8.1 of IS : 5001 (Part 1)-1969.

3. Equivalent Designations

Country or Organization	Code
IEC	A13M
United Kingdom	—
Netherlands	NT10M
France	F72M
Japan	SC-13